

## **APPENDIX M**

---

### **OIL SPILL CONTINGENCY PLAN**



**ATLANTIC RICHFIELD COMPANY (ARCO)**

**REVISED PRC-421 PIER REMOVAL PROJECT**

**OIL SPILL CONTINGENCY PLAN**

# ARCO PRC-421 OIL SPILL CONTINGENCY PLAN

**Oil Spill Prevention Measures** - The subject wells were abandoned in the 1950's in accordance with then applicable Division of Oil and Gas (DOGGR) Procedures. A review of the procedures confirms that the abandonment also meets current DOGGR procedures. The abandonment procedures have been recorded and are available. By virtue of performing the abandonment procedures, the possibility of a spill, or release, from the wells themselves is therefore eliminated. The remaining pier structure and pilings served as a support platform for the well operations and, as such, have no facilities that could contribute to a spill.

The only remaining source of an oil or petroleum hydrocarbon spill, or release, would be leakage or spillage of fuel or lubricants from the work vessels and/or equipment used during removal/construction activities themselves. Vessel crews will monitor all operations to ensure that no release of hydrocarbons into the marine environment will occur.

**Oil Spill Response Team** – Fairweather Pacific LLC, Atlantic Richfield's (ARCO) designated agent and project manager, will maintain an onsite spill response team to handle small spills (less than five barrels) and to provide immediate response to large spills during the removal/construction operations. The onsite response team is responsible for reporting, containment, and clean up of any small spills using onsite equipment and procedures. In the unlikely event of a release beyond the capabilities of the onsite team, CleanSeas will provide additional spill response personnel and equipment.

The onsite team is trained to rapidly and effectively respond to any reported spill. The team is supervised by the Fairweather Pacific Construction Superintendent and consists of select employees from the work crew. The Construction Superintendent will request additional response personnel and equipment from CleanSeas, if necessary.

**Onsite Response Equipment** – The Table below lists response equipment available at the project site during abandonment operations.

Equipment Available for Minor Offshore Spill Response Table		
Item	Quantity	Location
Sorbent Pads	3 Bales	Work Barge
Sorbent Boom	600 feet	Work Barge
Boom Tender Skiff	One	Work Barge

# ARCO PRC-421 OIL SPILL CONTINGENCY PLAN

**Notification** - An important step in the response procedure is notification of others in the event of an incident. Notification is essential to activate the response organizations, alert company management, obtain assistance and cooperation of agencies, mobilize resources and comply with local, state and federal regulations.

The order of notification is based on the premise that these parties who can render assistance in controlling or minimizing the impacts of an incident be notified before those that are remote from the incident. The notification process encompasses the following categories:

- Company notification/onsite spill response team activation
- Oil spill contract organization (CleanSeas)
- Agency notification
- Cleanup contractors (if required)
- Notification of other interested parties
- Periodic progress updates and reports (if necessary)

**Emergency Agency Notification Matrix Table**

Type of Emergency	Agencies to be Notified	Telephone	Notification Criteria	Notification Time frame	Information to Report
<b>Oil Spill to Ocean</b>	California Office of Emergency Services	(805) 568-1207	All spills to water	Immediately	1. Location of release or threatened release.
	National Response Center	(800) 424-8802			
	USCG (Santa Barbara)	(805) 962-7430			2. Qty released
	State Lands Commission (Long Beach)	(562) 590-5201			
	California Division of Oil and Gas (Santa Maria)	(805) 937-7246			
	California Department of Fish and Game (OSPR)	(916) 445-9938			
	Minerals Management Service (spill entering federal waters only)	(805) 389-7520			
<b>Medical Emergencies</b>	Fire Department/ Ambulance	<b>911</b>	Medial Assistance and/ or transport required	<b>ASAP</b>	1. Type of injury
	CalOSHA (Call local # first)	(805) 654-4581 (415) 737-2932		As required	2. Location 3. Condition 4. Action taken 5. No. of victims

USCG ..... US Coast Guard OSPR Office of Oil Spill Prevention and Response  
CalOSHA ..... California Occupational Safety and Health Administration

m4

# ARCO PRC-421 OIL SPILL CONTINGENCY PLAN

**Company Notification** - ARCO requires that all emergencies be brought to the attention of ARCO management. In the event that an ARCO representative is not on board, the Fairweather Pacific Construction Superintendent will notify by radio or telephone the Local On-Scene Commander (Qualified Individual) with an initial assessment of the extent and nature of the spill. The Area Incident Commander will then inform ARCO management of the incident and activate additional company resources if necessary.

On-Scene Commander / Qualified Individual		
Tom Kennedy	John Lorentz	Richard Trautman
Work (805) 658-5600	Work (805) 658-5600	Work N/A
Home (805) 649-9720	Home (310) 456-8356	Home (805) 566-9923
Cel (805) 377-2969	Cel (310) 245-2428	Cel (805) 896-0192

**Agency Notifications** - The Lempert-Keene Seastrand Oil Spill Prevention and Response Act (SB 2040) requires notification of the California Office of Emergency Services when oil spills occur or threaten to occur from facilities, vessels, or pipelines into California marine waters. The California Code of Regulations implementing SB 2040 requires that the specific information shown in the Table below is given to the agencies when making notifications.

**Information Checklist Table**

1. Name of Reporter
2. Facility Name and Location
3. Date and Time of Spill
4. Cause (if known - - (Don't Speculate) and Location of Spill
5. Estimate of the volume of oil spilled and the volume at immediate risk of spillage
6. Material spilled (e.g. crude oil) and any inhalation hazards or explosive vapor hazards, if known
7. Prevailing Sea Conditions: <ul style="list-style-type: none"><li>• Wave Height</li><li>• Size and Appearance</li><li>• Direction of slick movement</li><li>• Speed of Movement, if known</li></ul>
8. Prevailing Sea Conditions: <ul style="list-style-type: none"><li>• Wind Speed</li><li>• Wind Direction</li><li>• Air Temperature</li></ul>
9. Measures Taken or Planned by Personnel on Scene: <ul style="list-style-type: none"><li>• For containment</li><li>• For cleanup</li></ul>
10. Current condition of the facility
11. Any Casualties

**NOTE:** When making reports, record the agency, name of person contacted, and the date and time of notification. Reporting of a spill shall NOT be delayed solely to gather all the information noted above.

ms

# ARCO PRC-421 OIL SPILL CONTINGENCY PLAN

*All actions, including agency notification, should be recorded on the Event Log.  
A regulatory agency address directory is provided in the Table below.*

**Addresses of Regulatory Agencies Table**

<b>National Response Center</b> U.S. Coast Guard Headquarters (G-OPF) 2100 Second Street SW, Room 2611 Washington, DC 20593-0001	<b>California Office of Emergency Services</b> P.O. Box 419047 Rancho Cordova, CA 95741-9047
<b>Minerals Management Service</b> Pacific OCS Regional Office 770 Paseo Camarillo Camarillo, CA 93010	<b>California Division of Safety and Health</b> 2100 East Katella Suite 140 Anaheim, CA 92806
<b>U.S. Coast Guard</b> Commander, Los Angeles Group/MSO 1001 South Seaside Avenue, Bldg 20 San Pedro, CA 90731	<b>State Lands Commission</b> Long Beach Office 200 Oceangate, 12 <sup>th</sup> Floor Long Beach, CA 90802
<b>U.S. Department of Transportation</b> 1515 West 190 <sup>th</sup> Street Suite 555 Gardena, CA 90248	<b>California Division of Oil and Gas</b> Santa Maria Office 5075 South Bradley Road Suite 221 Santa Maria, CA 93445
<b>National Marine Fisheries Service</b> 501 West Ocean Boulevard Suite 4200 Long Beach, CA 90802-4313	<b>California Department of Fish and Game</b> (OSPR) 1700 K Street Sacramento, CA 95814

Essential agency notifications are further assured by the California Office of Emergency Services and the National Response Center since they will notify related state and federal agencies.

If a spill impacts navigable waters, notification of the National Response Center is mandatory and normally results in simultaneous notification of the U.S. Coast Guard. However, it is recommended that a call be made to the local U.S. Coast Guard office in Santa Barbara at (805) 962-7430 to expedite their response. Contact the USCG office in San Pedro at (310) 732-2000 if there is no response at the Santa Barbara contact number.

Based on the spill trajectory, if the spill is a threat to the shoreline, the appropriate fire department and lifeguard stations should be notified. This would not normally be an immediate notification.

# ARCO PRC-421 OIL SPILL CONTINGENCY PLAN

**Contract Organization Notification** - ARCO has made arrangements to become a Contract Associate of CleanSeas for the duration of the offshore portion of this project. CleanSeas maintains large and small oil spill response vessels, many of which are equipped with oil spill containment and recovery equipment. Additional equipment is located at CleanSeas' storage yard and pre-staged at various locations within their area of interest. In the event a spill enters or threatens to enter the ocean; notification of CleanSeas will make available the resources of CleanSeas. Mr. Clean II, a dedicated oil spill response vessel, is stationed at the Santa Barbara Harbor and can be mobilized to the project site within one hour, once notified.

To notify CleanSeas, call the 24-Hour CleanSeas telephone number below and provide the information listed in the Information Checklist Table to the responder.



**CLEANSEAS 24-HOUR**  
**(805) 684-3838**  
**Merrill Jacobs, General Manager**  
**[www.CleanSeas.com](http://www.CleanSeas.com)**

## OFFSHORE SPILL SCENARIOS AND RESPONSE PROCEDURES

Refer to the following two pages for response procedures for oil spills under five barrels and greater than five barrels.

# ARCO PRC-421 OIL SPILL CONTINGENCY PLAN

**Offshore Spill Scenario - Minor Oil Spill (< five barrels)** - This scenario consists of spillage of oil or oily water from the work barge into the ocean. Response will consist of deployment of an absorbent boom and sorbent pads stored on the work barge. The Table below lists response procedures for a minor offshore spill.

**Minor Offshore Oil Spill Response Procedures Table**

<b>Responsible Person</b>	<b>Action</b>
Project Foreman – Contractor	<ul style="list-style-type: none"> <li>• Assess the spill size and type of material spilled</li> <li>• Take action to contain the spill and prevent further spillage</li> <li>• Inform the project superintendent as soon as possible as to the source of the spill, type of material spilled and status of control operations</li> <li>• Maintain surveillance of source and oil slick</li> <li>• Assist the onsite response team in implementing clean up procedures including deployment of the absorbent boom and sorbent pads and proper storage and disposal of oily debris and sorbent pads</li> </ul>
Project Superintendent – Contractor	<ul style="list-style-type: none"> <li>• Account for all personnel and ensure their safety</li> <li>• Determine if there is a threat of fire or explosion</li> <li>• If a threat of fire or explosion exists, suspend all control and/or response operations until the threat is eliminated</li> <li>• Assess the spill situation to determine the status of response operations, estimate spill volume, estimate speed and direction of oil slick movement and determine resource needs</li> <li>• Notify the ARCO Project Manager</li> </ul>
Construction Superintendent – Fairweather Pacific	<ul style="list-style-type: none"> <li>• Mobilize the onsite spill response team</li> <li>• Determine if CleanSeas should be notified</li> <li>• Notify appropriate agencies including: <ul style="list-style-type: none"> <li>⇒ State Lands Commission (562) 590-5201</li> <li>⇒ California Office of Emergency Response (805) 568-1207</li> <li>⇒ Department of Fish and Game - OSPR (916) 445-9938</li> <li>⇒ National Response Center (800) 424-8802</li> </ul> </li> <li>• Supervise response and clean up operations</li> <li>• File written reports to appropriate agencies</li> </ul>



# ARCO PRC-421 OIL SPILL CONTINGENCY PLAN

**Offshore Spill Scenario - Major Oil Spill (> five barrels)** - Since the wells have been abandoned according to Division of Oil and Gas requirements, project facilities do not have the potential to generate a major oil spill.